



Operation Ice Bridge

NASA 426

2010





Overview



- The P-3 Operation Ice Bridge campaign has 100 flight hours approved.
 - Flight Request 10P002
 - PI – William Krabill
 - Flight Request 10P007
 - PI – Lora Koenig



Overview



Sondrestrom

01 -17 May



Thule

7 – 28 May





Deployment Lodging



- Sondrestrom
- Kangerlussuaq International Science Support (KISS)
 - KISS Manager
P.O. Box 109
DK- 3910 Kangerlussuaq Greenland
Tel. +299 524533
sciencesupport@glv.gl
Basse Vængtoft
bvn@glv.gl



Website: <http://dpc.dk/sw5404.asp>

KISS is filling up and single rooms are not guaranteed



Deployment Lodging



<http://www.airporthotels.gl/Kangerlussuaq/english/index.htm>





Deployment Lodging



- North Star Inn
 - Thule AB Personnel Theater Clearances and Lodging will be administered through the Aircraft Mission Manager for P-3 operations.





Travel Logistics



- **Kangerlussuaq**
- **BWI to CPH - \$387 and up (one way)**
- **CPH to SFJ – 2339.00kr/\$459.52 (one way)**
 - **Access and transportation**
Greenlandair fly between Copenhagen and Kangerlussuaq. The flight frequency during summer months is a least nine times per week and during winter months a least five times per week. This may, however, be subject to change.

- **Price Details**
- Monday, Apr 26, 2010
- **Copenhagen - Kangerlussuaq**
Economy Restrictive Fare
- **1 Adult** 2,190.00 Taxes/Fees: [Details »](#) 149.00
Copenhagen - Kangerlussuaq
- EU handicap fee 6.00
- Airport Departure fee 68.00
- Sales Handling Charge 75.00
- **Total Price 2,339.00** Currency Converter »
- All amounts shown are in Danish kroner DKK.





Travel Logistics



- Thule AB Rotator Flight
- Full Name
- SSN#
- Rank
- Next of Kin (name and phone #)
- Dates of travel
- CIC code (for payment via your orders)
- Flights are once a week each way:
 - Departing BWI at 2:00am on Thursday mornings
 - Departing Thule at approximately 8:00am Friday mornings
- We suggest you bring several copies of your orders when you travel.
- 2010 Cost - \$2000 one way.





Deployment Schedule



May 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes:						1 P-3 Transit - Kangar
2 	3	4	5	6	7	8
P-3 OIB Spring Deploy - Kangar						
9 	10	11	12	13	14	15
P-3 OIB Spring Deploy - Kangar						
16 	17 P-3 Transit - Thule	18	19	20	21	22
P-3 OIB Spring Deploy - Thule						
23 	24	25	26	27	28	29
P-3 OIB Spring Deploy - Thule					P-3 Transit - RTB WFF	
30	31	Notes:				



Estimated Flight hours



Evolution	Flight Hours
Engineering Check Flight	2.0
Project Check Flight	4.0
Transit WFF to Sondrestrom	6.0
Science Flights BGSF (5@ 8 hours)	40.0
Science Flights BGTL (5@ 8 hours)	40.0
Transit Thule to WFF	7.0
Total estimated	99.0



Crew Duty Times (830-AOM)



- Basic crew duty time will not be scheduled to exceed 14 consecutive hours.
- Twelve consecutive hours free of all official duties is considered the minimum crew rest period prior to commencing flight duties.
- Flight Time Limitations Consecutive work period:

	Daily Hours	Weekly (7 days) Hours
Daily/Weekly		
Basic Crew	8	40
Aug Crew	16	40
Monthly	100	

- Consecutive work period: 10 days , Requires a minimum of 24 hours free of duty.

Science Functional Flight Test Plan

- One local check flight has been requested for the testing and calibration of the instrument suite
- Laser operations will comply with the procedures outlined in the letters of non-objection.
- Radar operations will take place 200 miles offshore in the warning areas
- PCF Parameters
 - Time of day 0800 to 1800 (L)
 - Weather (VMC) no rain, no cloud decks below aircraft
light clouds OK



Reminders



- List of participants complete with schedule
 - Foreign Nationals ASAP
- Check Passports for date of expiration
 - Denmark is a party to the Schengen agreement. As such, U.S. citizens may enter Denmark for up to 90 days for tourist or business purposes without a visa. The passport should be valid for at least three months beyond the period of stay.
 - Foreign Nationals need to verify and comply with the requirements based on their citizenship



Installation Schedule



April 2010						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes: All racks, safety equipment, bomb bay fairing and KU antenna cables to be installed prior to 4/1				1 KU Arrival @ WFF	2 KU Upload begins	3
4	5	6	7	8	9	10
11 KU upload ends	12 KU antenna load testing begins	13	14 KU antenna load testing ends	15 WFF Modal Testing of Antenna Structures	16 Weight/Balance (AM) ; 1 st Final Installation and Inspection Review (FIIR) (PM)	17 KU Antenna Ground Testing
18 KU Antenna Ground Testing	19 Engineering Check Flight (AM); Post-Flight Inspections (PM)	20	21	22	23 DC-8 Arrives @ WFF/ Download begins	24 ATMx2, Gravimeter, GPSNAV upload begins
25	26	27 ATMx2, Gravimeter, GPSNAV uploads ends (AM); 2 nd FIIR (PM)	28 Gravimeter 12-18hr. ground testing (beginning of 24/7 power requirement)	29 Project Check Flight (AM); Pack aircraft for mission (PM)	30 Down Day????	MAY 1 Deploy for mission

